

ABSTRACT OF THE DISCLOSURE

5 Opto-electronic array modules using a Vertical
Cavity Surface Emitting Laser (VCSEL) and photodiode arrays
have polished fiber end face angles varying from a 45
degree angle to attenuate the amount of light entering the
fiber in order to eliminate saturation of the opto-
10 electronic receiver in a fiber optic transceiver system.
Varying angles may be used when coupling light between the
fiber and an active device to adjust the attenuation.

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